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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/446,521	03/03/2000	YOSHIKI NAKAGAWA	1581/00180	2445
759	90 10/28/2002		,	
BURTON A AMERNICK			EXAMINER	
POLLOCK VANDE SANDE & AMERNICK PO BOX 19088			MULLIS, JEFFREY C	
WASHINGTON	N, DC 20036-3425		ART UNIT	PAPER NUMBER
			17,11	119
			DATE MAILED: 10/28/2002	

Please find below and/or attached an Office communication concerning this application or proceeding.

			AS			
		Application No.	Applicant(s)			
000-100-0		09/446,521	NAKAGAWA ET AL.			
	Office Action Summary	Examiner	Art Unit			
		Jeffrey C. Mullis	1711			
Period fo	The MAILING DATE of this communication app or Reply	ears on the cover sheet with the (correspondence address			
THE - Exte after - If the - If NC - Failu - Any	ORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. e period for reply specified above is less than thirty (30) days, a reply of period for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be till y within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE.	mely filed ys will be considered timely. In the mailing date of this communication. ED (35 U.S.C. § 133).			
1)⊠	Responsive to communication(s) filed on 12 A	August 2002 .				
2a) <u></u> □	This action is FINAL . 2b)⊠ Th	is action is non-final.				
3) 🗌	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
_	ion of Claims					
,	Claim(s) <u>33-62</u> is/are pending in the applicatio					
	4a) Of the above claim(s) <u>36,54,55 and 57-61</u> is/are withdrawn from consideration.					
•	Claim(s) is/are allowed.					
	Claim(s) <u>33-35 37-53 56 62</u> is/are rejected.					
·	Claim(s) is/are objected to. Claim(s) are subject to restriction and/or	r election requirement				
	ion Papers	r election requirement.				
9) 🗌	The specification is objected to by the Examine	r.				
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).					
11)☐ The proposed drawing correction filed on is: a)☐ approved b)☐ disapproved by the Examiner.						
If approved, corrected drawings are required in reply to this Office action.						
12)☐ The oath or declaration is objected to by the Examiner.						
Priority (under 35 U.S.C. §§ 119 and 120					
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
a) ☐ All b) ☐ Some * c) ☐ None of:						
	1. Certified copies of the priority documents have been received.					
	2. Certified copies of the priority documents have been received in Application No					
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 						
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).						
 a) ☐ The translation of the foreign language provisional application has been received. 15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. 						
Attachmen	t(s)					
2) Notic	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449) Paper No(s)	5) Notice of Informal	y (PTO-413) Paper No(s) Patent Application (PTO-152)			
S. Patent and Tr	rademark Office					

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Applicants' Abstract is not in the form of a single paragraph. Correction is required.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 33-35, 37-53, 56 and 62 are rejected under 35 U.S.C. § 102(e) as being anticipated by Matyjaszewski et al. (USP 5,789,487).

Matyjaszewski et al. disclose a process in which an omega, halo, alkenyl terminated monomer is polymerized under stable free radical conditions to produce macromolecular materials containing

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terminal alkenyl groups. Note scheme 5 in this regard. The alkenyl group containing macromolecule can be combined with a second monomer under stable free radical conditions such as those skilled in the art would realize would generate a second sequence comprised of the second monomer such as would be embraced by applicants' multiblock copolymers. Note column 22 lines 46-51 in this regard. Note also column 23 lines 36-50 for an example in which a 2-(2-bromopropionoxy)ethyl acrylate is polymerized and the resulting polymer used as a macroinitiator for polymerizing butyl acrylate, such as would generate butyl acrylate blocks. The materials of the above type can be viewed as non-linear block copolymers embraced by applicants' multiblock copolymers.

The above rejection has been rewritten to better address applicants' claims as now amended.

Any inquiry concerning this communication should be directed to Jeffrey Mullis at telephone number (703) 308-2820.

J. Mullis:cdc
October 25, 2002

Jeffrey Mullis Primary Examiner Art Unit 1711